

FIG. 1

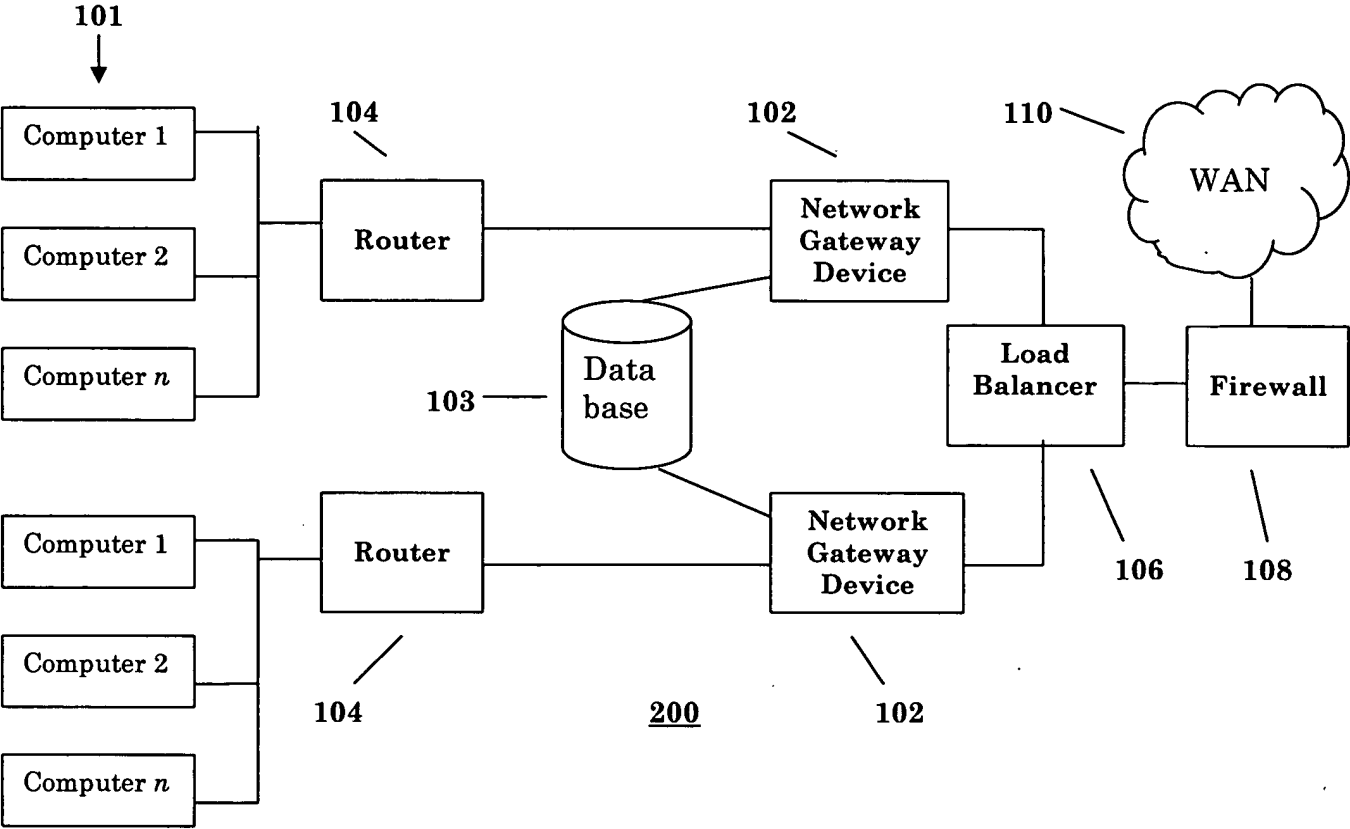


FIG. 2

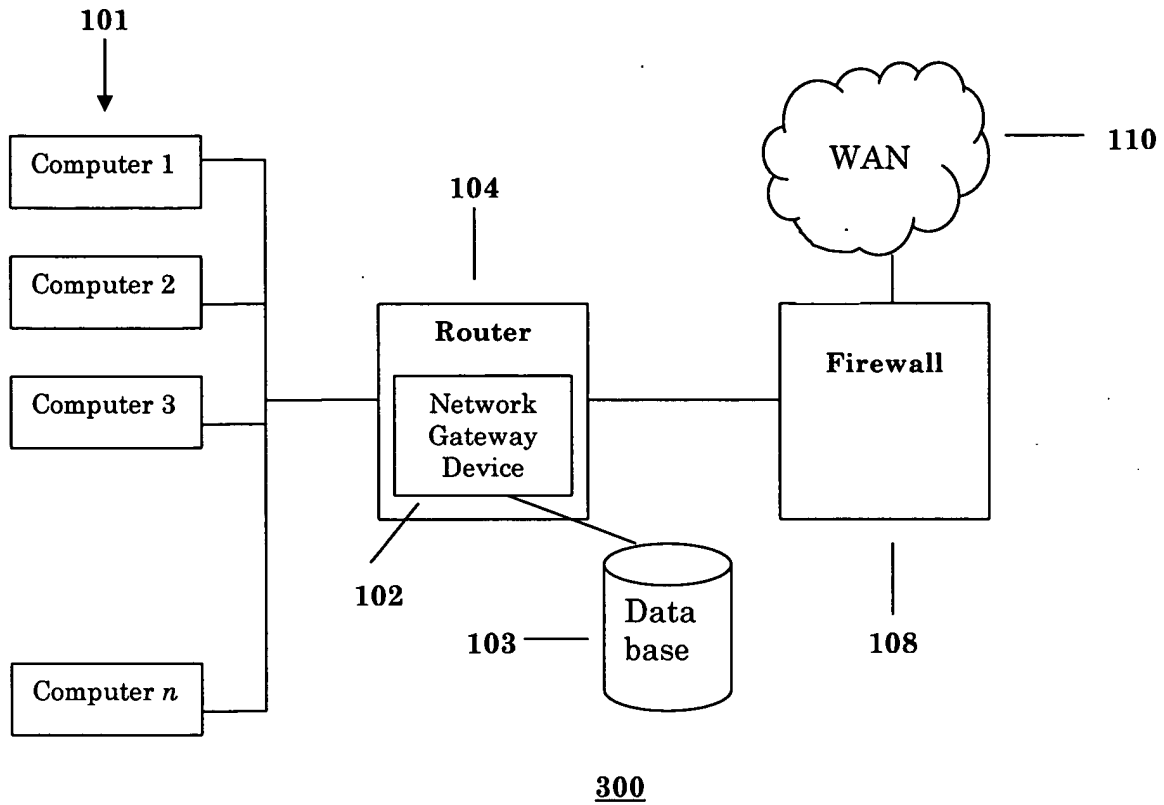


FIG. 3

FIG. 4

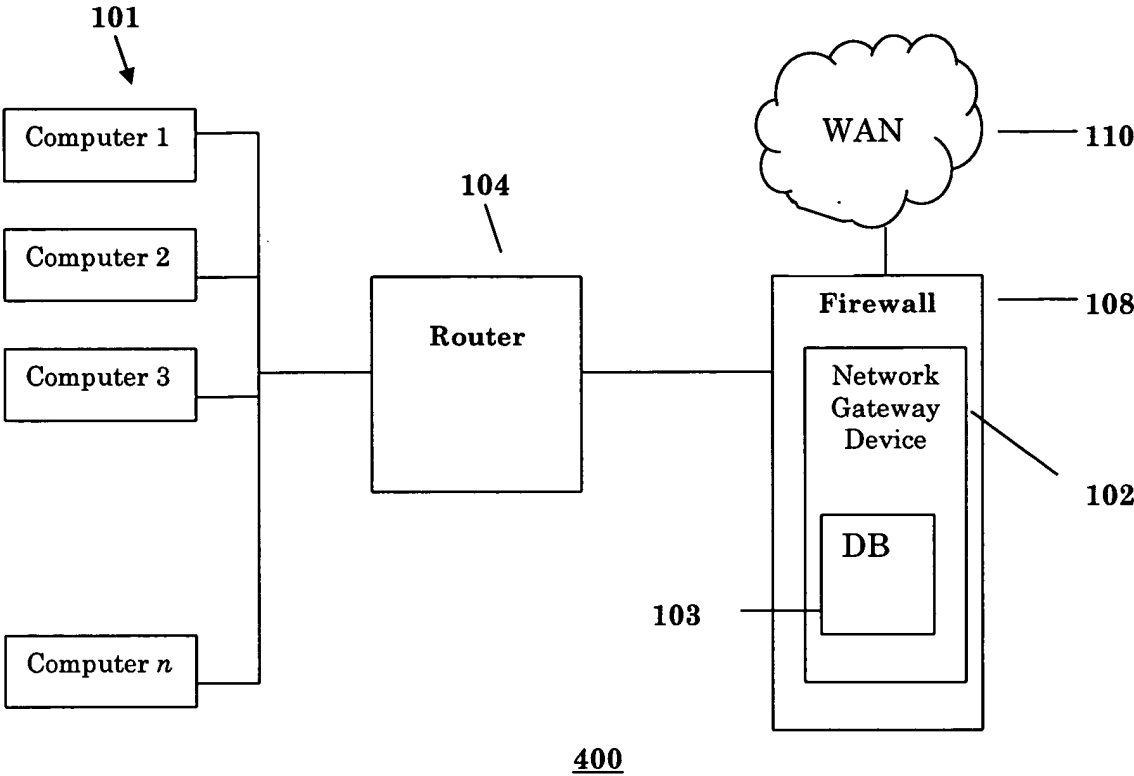


FIG. 4

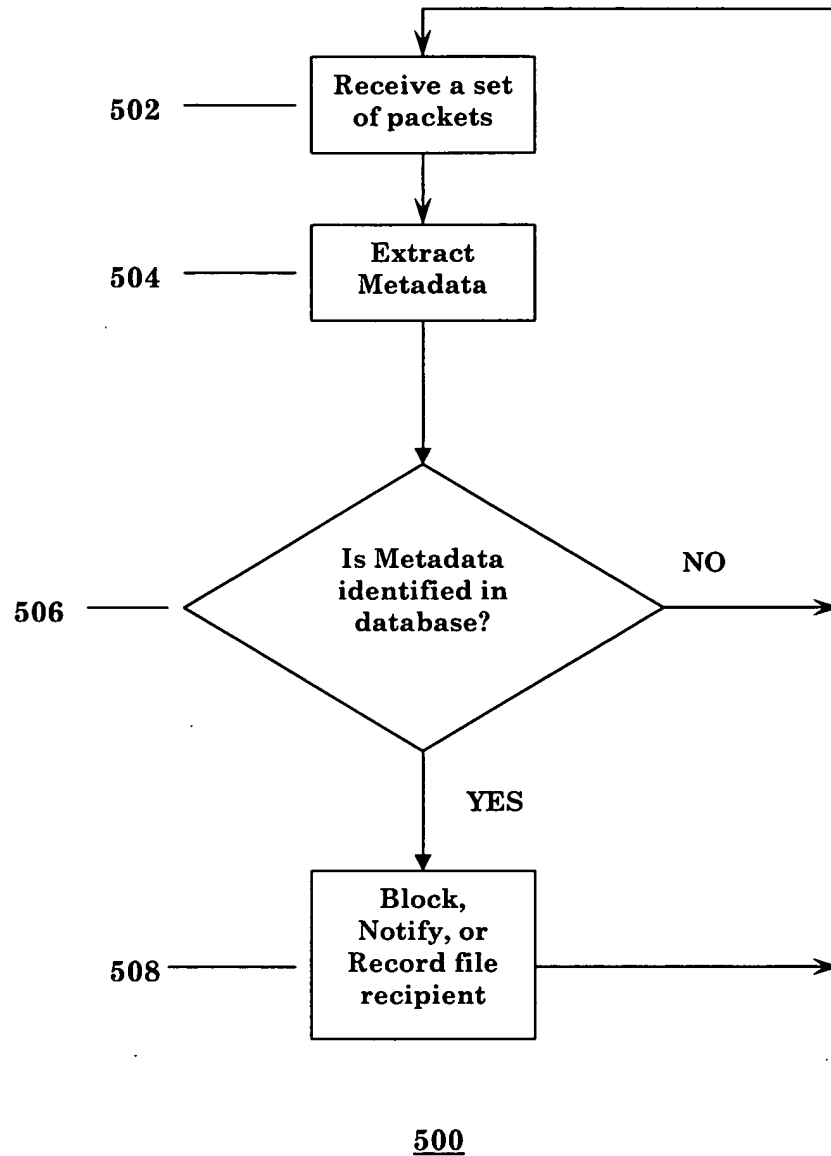


FIG 5

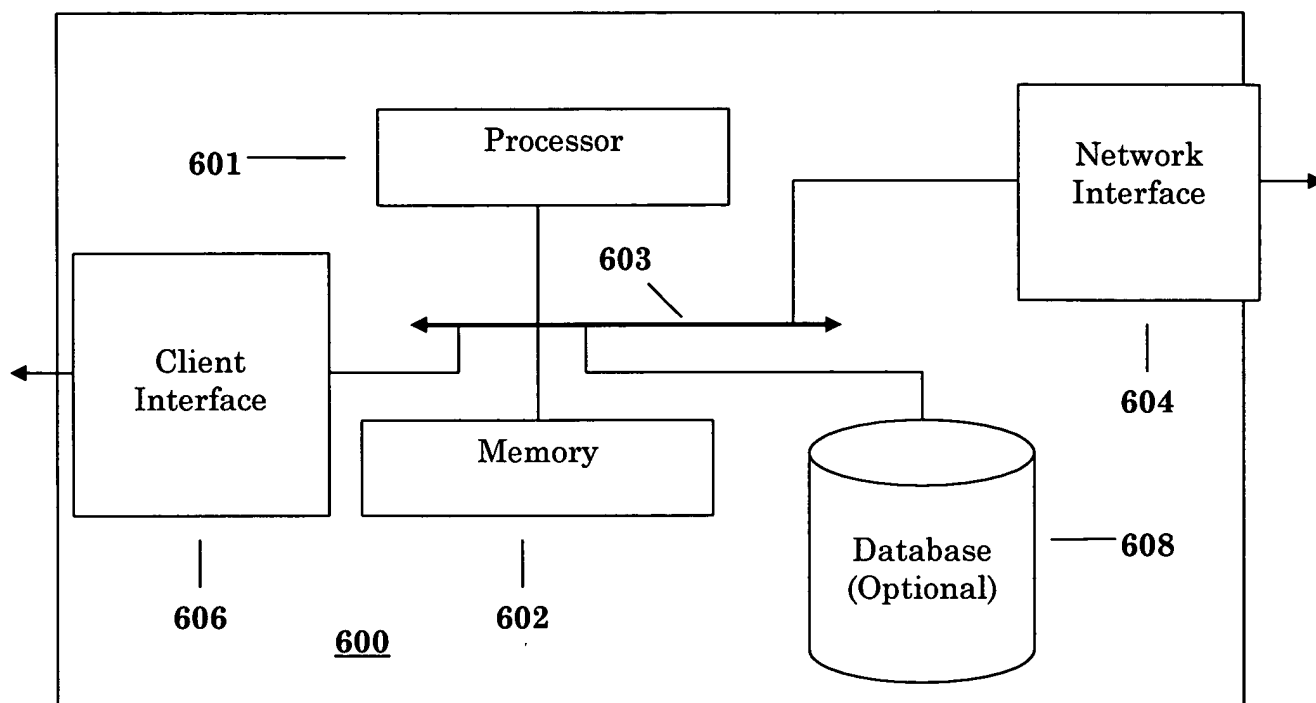


FIG. 6

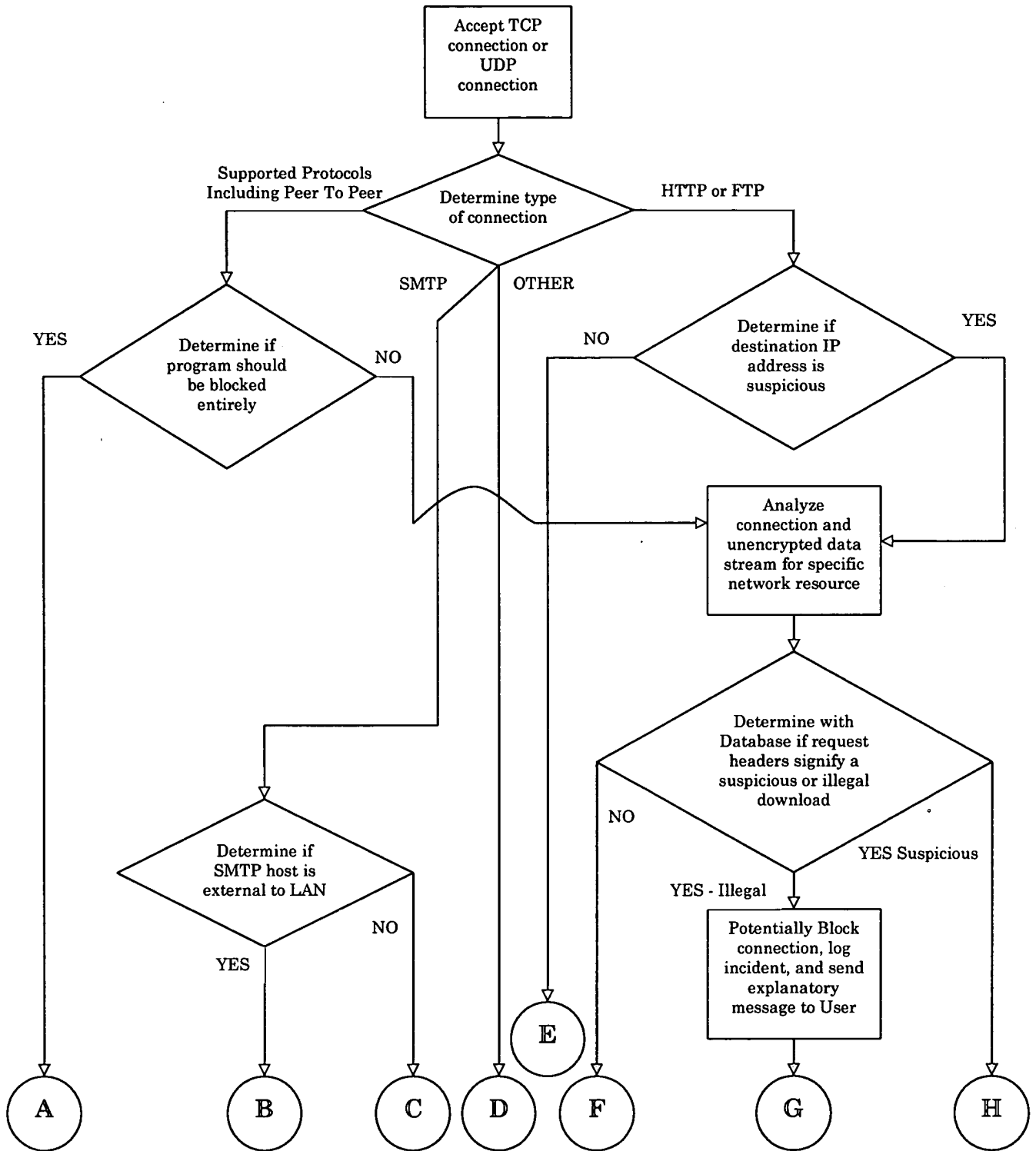


FIG. 7a

700

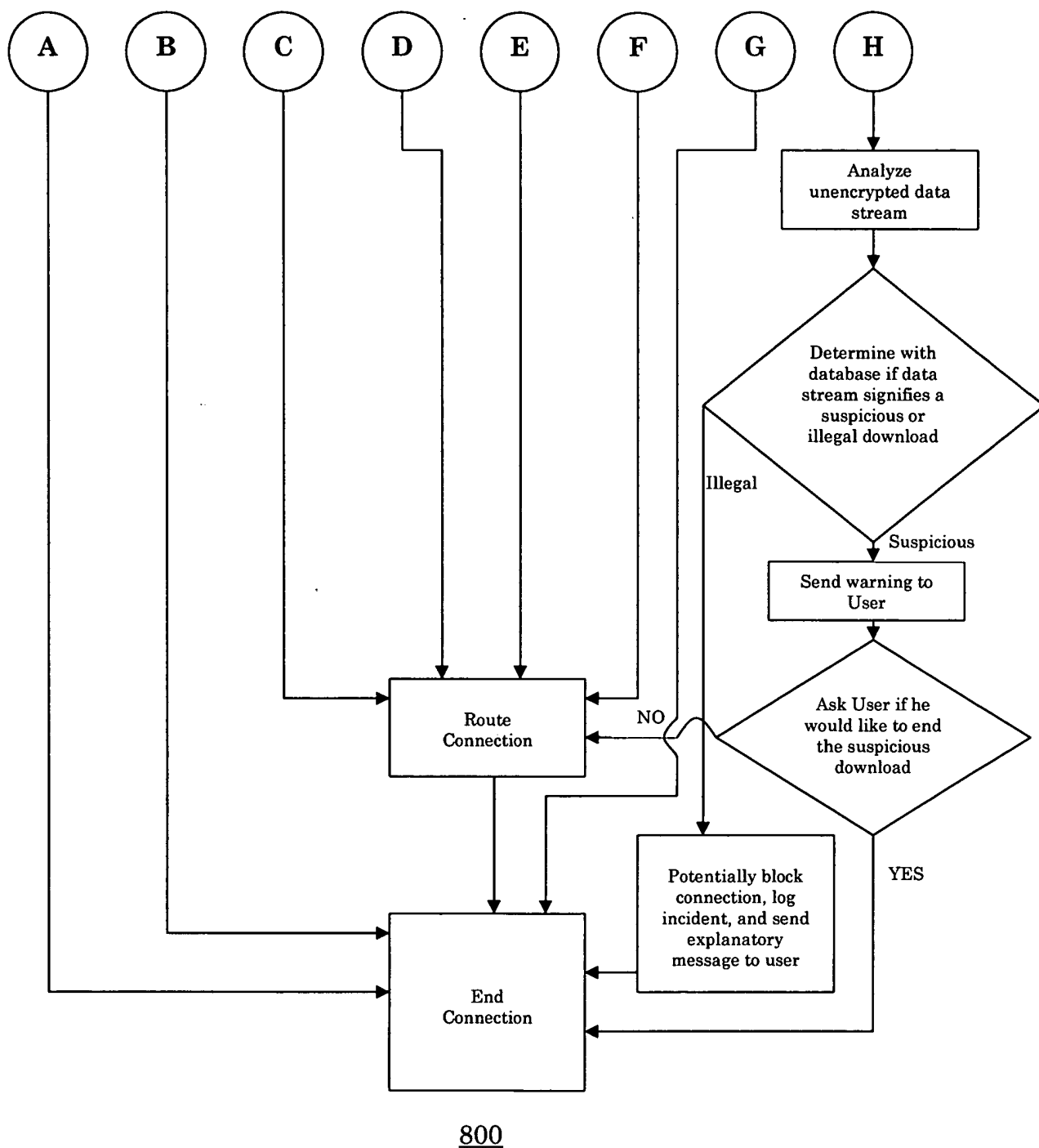


FIG. 7b



```
GET http://sportsillustrated.cnn.com/golfonline/ HTTP/1.0
User-Agent: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.1) Opera 7.11 [en]
Host: sportsillustrated.cnn.com
Accept: text/html, image/png, image/jpeg, image/gif, image.x-bitmap, *.*;q=0.1
Accept-Language: en
Accept-Charset: windows-1252, utf-8, utf-16, iso-8859-1;q=0.6, *.*;q=0.1
Accept-Encoding: deflate, gzip, x-gzip, identity, *;q=0
Cookie: CNNid=Gcf1947e6-970341-1058041384145-1
Cookie2: $Version=1
Proxy-Connection: close
```

FIG. 8

```
POST http://sportsillustrated.cnn.com/golfonline/ HTTP/1.0
User-Agent: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.1) Opera 7.11 [en]
Host: sportsillustrated.cnn.com
Accept: text/html, image/png, image/jpeg, image/gif, image.x-bitmap, *.*;q=0.1
Accept-Language: en
Accept-Charset: windows-1252, utf-8, utf-16, iso-8859-1;q=0.6, *.*;q=0.1
Accept-Encoding: deflate, gzip, x-gzip, identity, *;q=0
Cookie: CNNid=Gcf1947e6-970341-1058041384145-1
Cookie2: $Version=1
Proxy-Connection: close

form_value1=value1&form_value2=value2
```

FIG. 9

```
HTTP/1.1 200 OK
Server: Netscape-Enterprise/6.1 AOL
Date: Sat, 19 Jul 2003 18:58:21 GMT
Expires: Sat, 19 Jul 2003 18:59:21 GMT
Cache-control: private, max-age=60
Content-type: text/html
Content-length: 255
Connection:close
```

[HTML DATA]

FIG. 10

```
GET /.hash=d0633f1bfdd0fde48cf351ef8c541b67567426dd HTTP/1.1
Host: 123.52.193.31:1214
User-Agent: KazaaClient Jul 20 2003 23:23:10
X-Kazaa-Username: logn
X-Kazaa-Network: KaZaA
X-Kazaa-IP: 64.57.225.216:1214
X-Kazaa-SupernodeIP: 66.75.205.152:1490
Connection: close
X-Kazaa-XferId: 11312345
X-Kazaa-XferUIId: ytCcDgo+3sTohN12+1Y2jYkCY6NwCA==
```

FIG. 11

```
GET /14587/Michael+Jackson+Thriller.mp3 HTTP/1.1
Host: 123.52.193.31:1214
User-Agent: KazaaClient Jul 20 2003 23:23:10
X-Kazaa-Username: logn
X-Kazaa-Network: KaZaA
X-Kazaa-IP: 64.57.225.216:1214
X-Kazaa-SupernodeIP: 66.75.205.152:1490
Connection: close
X-Kazaa-XferId: 8975270
```

FIG. 12

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```
HTTP/1.1 200 OK
Content-Length: 6525402
Accept-Ranges: bytes
Date: Sun, 20 Jul 2003 23:25:50 GMT
Server: KazaaClient Jul 15 2002 20:37:36
Connection: close
Last-Modified: Tue, 15 Oct 2002 15:36:45 GMT
X-Kazaa-Username: illegalhost
X-Kazaa-Network: KaZaA
X-Kazaa-IP: 123.52.193.31:1214
X-Kazaa-SupernodeIP: 198.37.26.79:2577
X-KazaaTag: 5=427
X-KazaaTag: 21=128
X-KazaaTag: 6=Michael Jackson
X-KazaaTag: 8 = Thriller
X-KazaaTag: 4=Thriller
X-KazaaTag: 3==0GM/G/3Q/eSM81HvjFQbZ1Z0Jt0=
Content-Type: audio/mpeg
```

[DATA]

**FIG. 13**

```
1 GET http://81.65.32.7:6346/uri-
res/N2R?urn:sha1:F3HBAWBPQWOS5G5GBCDBPYDMG5NZIA2P HTTP/1.1
2 Host: 81.65.32.7:6346
3 User-Agent: Morpheus 3.3.0.24 (GnucDNA 0.9.2.6)
4 Listen-IP: 206.170.247.13:13484
5 Connection: Keep-Alive
6 Proxy-Connection: close
7 Range: bytes=104144-524287
8 X-Queue: 0.1
9 X-Gnutella-Content-URN: urn:sha1:F3HBAWBPQWOS5G5GBCDBPYDMG5NZIA2P
```

**FIG. 14**

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HTTP 200 OK  
Server: Gnutella  
Content-Length: 6825402  
Content-Type: audio/mpeg

[DATA]

**FIG. 15**

FTP involves one connection, typically through a Telnet implementation. Commands are sent and replies are received over the same connection. Downloads are initiated using the FTP RETRIEVE command as follows. Note this is after a connection has been established.

If the FTP site's IP address is in the suspicious IP address database, SocketBreaker will match the following command against the Illegal Content Database:

RETR Michael-Jackson-Thriller.zip

**FIG. 16**